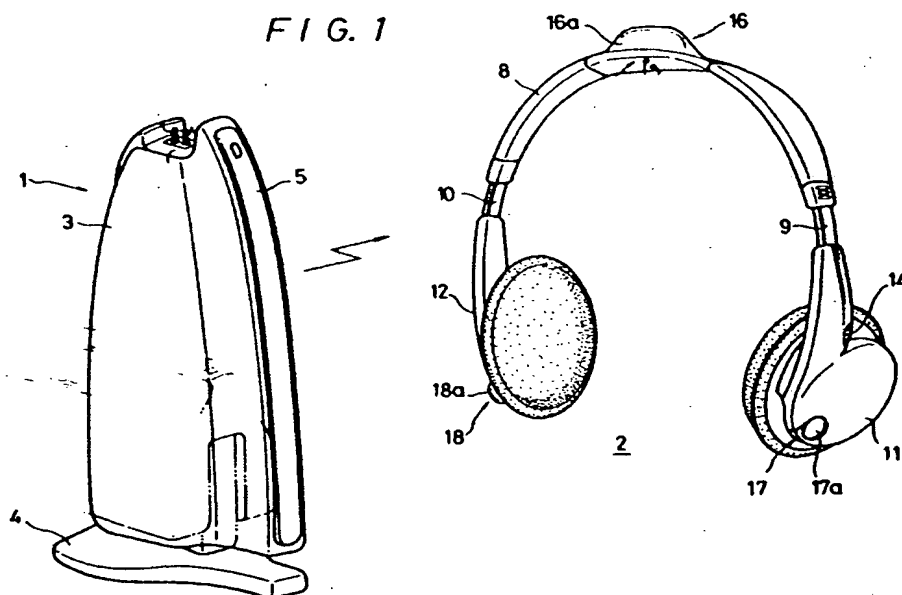
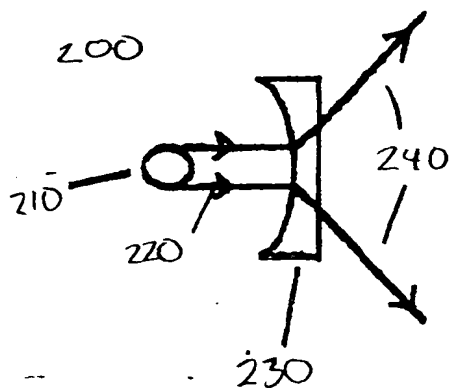
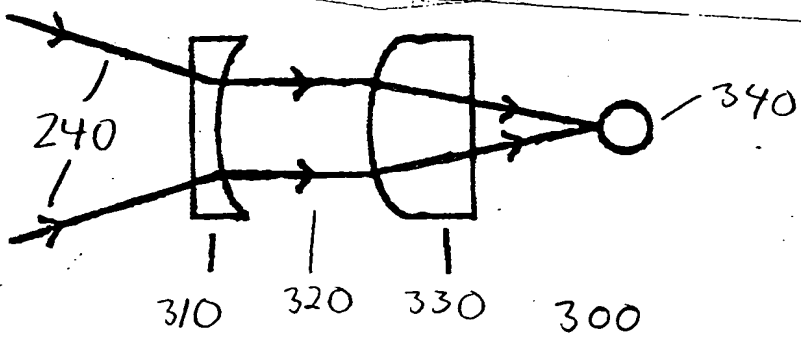


FIG. 1



[illegible]

Fib, 2



FILE.3

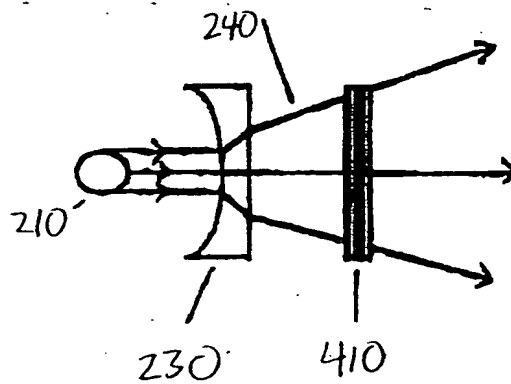


FIG. 4

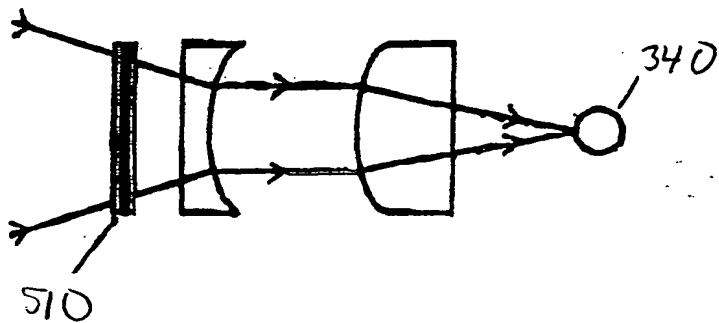


FIG. 5

1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $\epsilon \rightarrow 0$. It is shown that the solutions of the system (1) converge to the solutions of the system (2) in the sense of the weak convergence in the space $L^2(\Omega; \mathbb{R}^n)$.

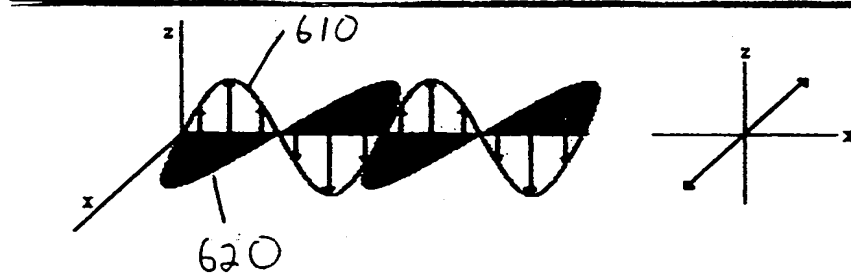
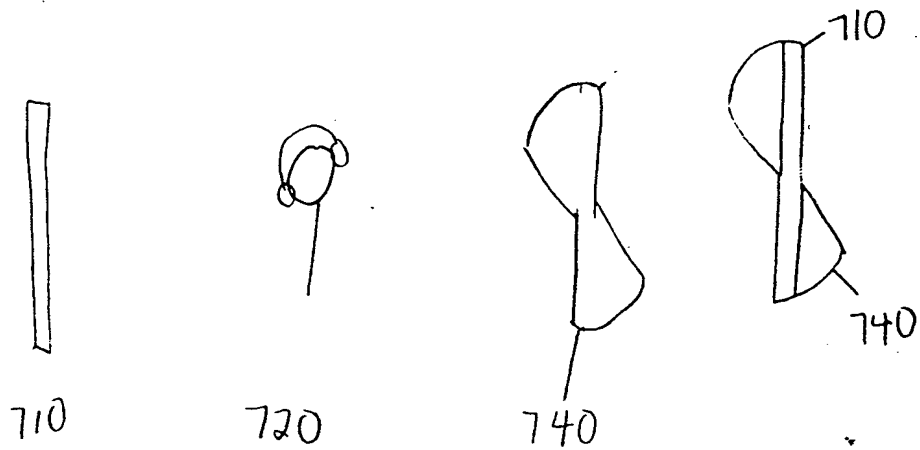
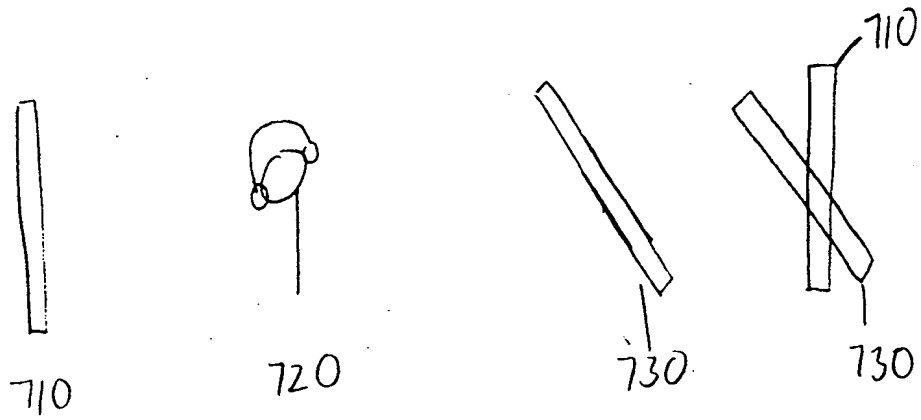


FIG. 6



00422 0450
003210 2221800

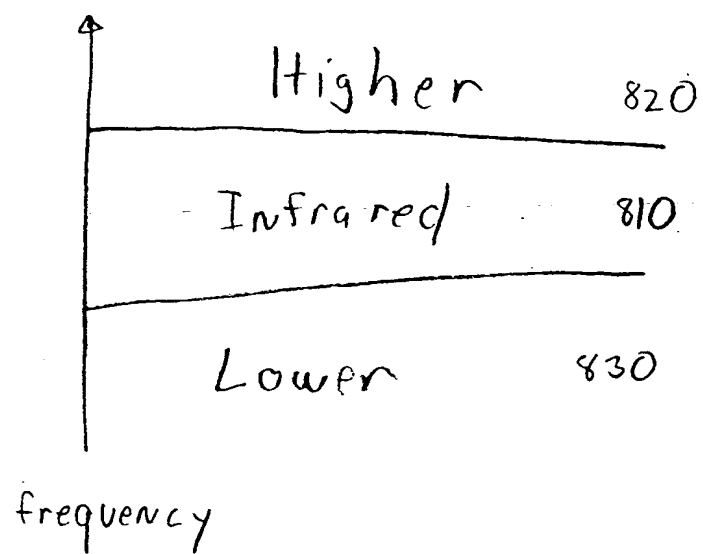


FIG. 8

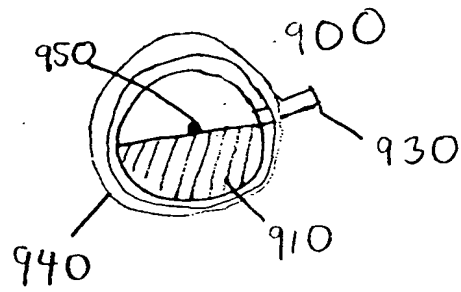


FIG. 9A

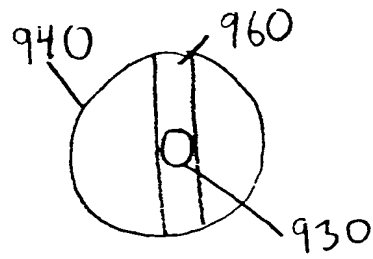


FIG. 9B

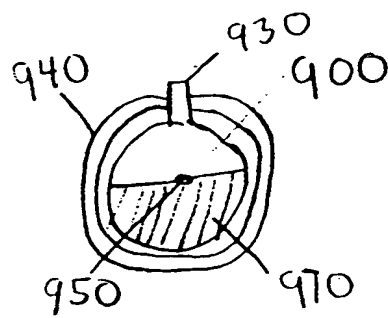


FIG. 9C

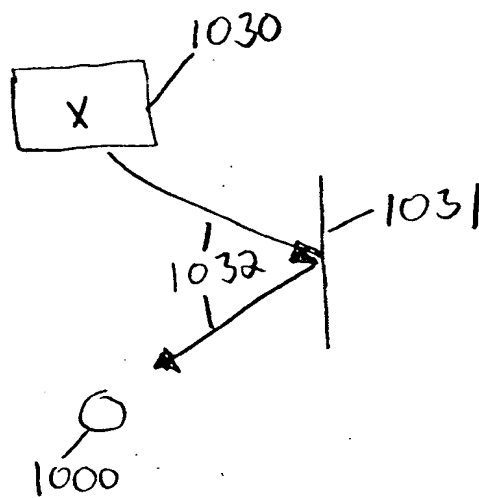


FIG. 10A

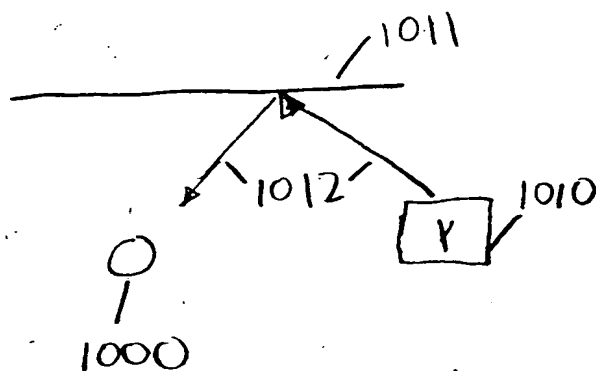


FIG. 10B

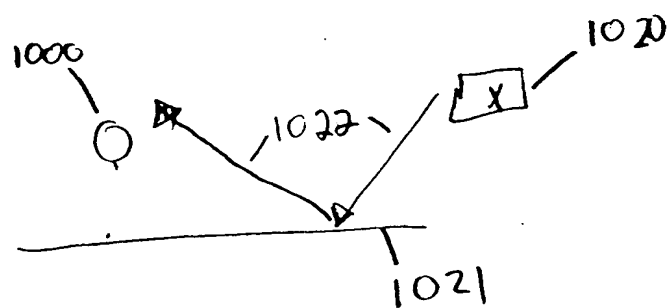


FIG. 10C

FIG. 10C

FIG. 11

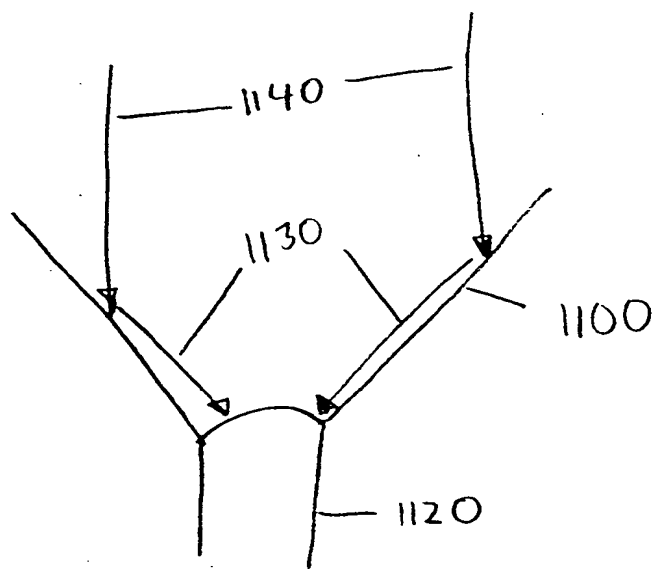


FIG. 11